

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

EAST 6-7-09

L Number	Hits	Search Text	DB	Time stamp
1	6285	umezawa.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/07 08:45
3	1	umezawa.in. and (foot or bottom) adj2 valve	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/07 09:21
4	2	umezawa.in. and shock adj absorber	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/07 08:47
5	93	showa.asn. and (foot or bottom) adj2 valve	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/07 08:52
6	0	showa.asn. and (foot or bottom) adj2 valve with (subassembl\$4 or preassembl\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/07 09:21
7	14	(foot or bottom) adj2 valve with (subassembl\$4 or preassembl\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/07 09:13
8	0	(foot or bottom) adj2 valve with (subassembl\$4 or preassembl\$4) same centering	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/07 08:56
9	62	(foot or bottom) adj2 valve same centering	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/07 09:22
10	27	(foot or bottom) adj2 valve with centering	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/07 08:57
11	2	(foot or bottom) adj2 valve with integral adj unit	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/07 09:04

foot, base, bottom value

12	148	("4860463" "4061320" "4290161" "5324174" "5598903" "6234505" "6289614" "5621176" "4967460" "4265305" "4560041" "4821983" "5318157" "5341905" "5509481" "5615756" "4500075" "5980339" "4327807" "4576086" "5477949" "6464053" "4409959" "4413615" "4442951" "4286735" "4339007" "4403587" "4562702" "4880449" "6176174" "4406597" "4456060" "4483662" "4526048" "4545737" "4043405" "4346620" "4438910" "4438909" "4781545" "4938245" "5660214" "5689083" "5833220" "5960696" "6045471" "6158462" "6386088" "4807514").pn. ("4507061" "4776774" "5816430" "5927336" "6084493" "6171083" "4396383" "4441634" "4519414" "4564021" "4801376" "4899939" "4939810" "4986246" "5295273" "5356039" "5425575" "5456281" "5499219" "5614431" "5609324" "5758792"	USPAT; US-PGPUB	2004/06/07 09:12
----	-----	---	--------------------	------------------

13	32	("4860463" "4061320" "4290161" "5324174" "5598903" "6234505" "6289614" "5621176" "4967460" "4265305" "4560041" "4821983" "5318157" "5341905" "5509481" "5615756" "4500075" "5980339" "4327807" "4576086" "5477949" "6464053" "4409959" "4413615" "4442951" "4286735" "4339007" "4403587" "4562702" "4880449" "6176174" "4406597" "4456060" "4483662" "4526048" "4545737" "4043405" "4346620" "4438910" "4438909" "4781545" "4938245" "5660214" "5689083" "5833220" "5960696" "6045471" "6158462" "6386088" "4807514").pn. ("4507061" "4776774" "5816430" "5927336" "6084493" "6171083" "4396383" "4441634" "4519414" "4564021" "4801376" "4899939" "4939810" "4986246" "5295273" "5356039" "5425575" "5456281" "5494210" "5514431" "5609324" "5758792"	USPAT	2004/06/07 09:14
Search History 6/7/04 9:45:00 AM Page 3 C:\APPS\least\workspaces\10636119.wsp				

14	1600	(foot.clm. or bottom.clm.) adj2 valve.clm.	USPAT	2004/06/07 09:15
15	80	(foot.clm. or bottom.clm.) adj2 valve.clm. and (damper or shock adj absorber)	USPAT	2004/06/07 09:15
16	0	umezawa.in. and base adj2 valve	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/07 09:21
17	0	showa.asn. and base adj2 valve with (subassembl\$4 or preassembl\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/07 09:21
18	12	base adj2 valve with (subassembl\$4 or preassembl\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/07 09:21
19	18	base adj2 valve same centering	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/07 09:22
-	246	188/322.14.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/07 08:45

PLUS
6-7-04

Butler, Douglas

From: PLUS
Sent: Monday, April 19, 2004 11:27 AM
To: Butler, Douglas
Subject: PLUS Results for 10636119

Here are the PLUS search results for 10636119.

This search was prepared by the staff of the Scientific and Technical Information Center, SIRA. If you have questions or comments about this search, please reply via email to PLUS@uspto.gov.



10636119_QUAL.txt



10636119_LIST.txt



10636119_WEST.txt



10636119_EAST.txt



10636119.east



10636119_CLS.txt



10636119_CLSTITLES.txt



10636119_WDS.txt

xt

10636119_LIST

PLUS Search Results for S/N 10636119, Searched April 19, 2004

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

4860463	4507061	4788489
4061320	4776774	4825792
4290161	5816430	4854429
5324174	5927336	4881750
5598903	6084493	4955460
6234505	6171083	4961483
6289614	4396383	4966257
5621176	4441634	5183449
4967460	4519414	5211268
4265305	4564021	5234084
4560041	4801376	5244251
4821983	4899939	5253377
5318157	4939810	5277283
5341905	4986246	5285875
5509481	5295273	5316113
5615756	5356039	5330132
4500075	5425575	5332258
5980339	5456281	5335380
4327807	5494219	5363945
4576086	5514431	5372223
5477949	5609324	5423402
6464053	5758792	5462143
4409959	5775547	5467852
4413615	5794821	5655938
4442951	5819792	5682966
4286735	5909977	5735509
4339007	5915345	5934421
4403587	5927561	5964985
4562702	5984139	5975258
4880449	5993342	5996745
6176174	6029685	6006873
4406597	6029700	6013158
4456060	6056537	6042091
4483662	6058970	6098995
4526048	6058970	6651788
4545737	6073646	5507275
4043405	4298102	4523545
4346620	4480730	5351649
4438910	5337976	5489226
4438909	5669597	6209525
4781545	3912054	6209525
4938245	4391103	5326129
5660214	4415028	4428566
5689083	4460074	4494632
5833220	4485899	5454452
5960696	4571162	4284178
6045471	4589528	4907680
6158462	4598929	5718613
6386088	4614255	5816291
4807514	4762308	6089142

10636119_EAST

(4860463
4061320
4290161
5324174
5598903
6234505
6289614
5621176
4967460
4265305
4560041
4821983
5318157
5341905
5509481
5615756
4500075
5980339
4327807
4576086
5477949
6464053
4409959
4413615
4442951
4286735
4339007
4403587
4562702
4880449
6176174
4406597
4456060
4483662
4526048
4545737
4043405
4346620
4438910
4438909
4781545
4938245
5660214
5689083
5833220
5960696
6045471
6158462
6386088
4807514) .pn.
(4507061
4776774
5816430
5927336
6084493
6171083
4396383
4441634
4519414

10636119_EAST

4564021
4801376
4899939
4939810
4986246
5295273
5356039
5425575
5456281
5494219
5514431
5609324
5758792
5775547
5794821
5819792
5909977
5915345
5927561
5984139
5993342
6029685
6029700
6056537
6058970
6058970
6073646
4298102
4480730
5337976
5669597
3912054
4391103
4415028
4460074
4485899
4571162
4589528
4598929
4614255
4762308) .pn.
(4788489
4825792
4854429
4881750
4955460
4961483
4966257
5183449
5211268
5234084
5244251
5253377
5277283
5285875
5316113
5330132
5332258
5335380

10636119_EAST

5363945
5372223
5423402
5462143
5467852
5655938
5682966
5735509
5934421
5964985
5975258
5996745
6006873
6013158
6042091
6098995
6651788
5507275
4523545
5351649
5489226
6209525
6209525
5326129
4428566
4494632
5454452
4284178
4907680
5718613
5816291
6089142) .pn.

10636119_CLS
Most Frequently Occurring Classifications of Patents Returned
From A Search of 10636119 on April 19, 2004

Original Classifications

4 188/281
3 188/282.6
3 188/315
3 188/322.15
3 267/64.15
3 440/61R
2 123/467
2 137/587
2 188/266.2
2 188/266.5
2 188/266.7
2 188/269
2 188/275
2 188/282.2
2 188/322.17
2 222/321.9
2 244/104FP
2 267/226
2 280/276
2 280/5.513
2 417/53

Cross-Reference Classifications

12 188/322.15
10 188/315
9 188/322.17
4 188/266.2
4 188/282.5
4 188/314
4 188/322.14
4 267/64.26
3 137/533.11
3 188/269
3 188/298
3 188/317
3 188/318
3 188/322.13
3 188/322.22
3 236/93R
3 267/122
3 267/64.28
3 417/399
2 5/683
2 60/372
2 74/41
2 91/396
2 92/85B
2 123/458
2 123/511
2 123/519
2 126/638
2 137/141
2 137/202
2 137/43

10636119_CLS

2 137/443
2 137/59
2 188/266.4
2 188/266.5
2 188/285
2 188/322.19
2 222/215
2 222/385
2 222/494
2 251/129.15
2 267/256
2 267/64.21
2 267/64.23
2 474/110

Combined Classifications

15 188/322.15
13 188/315
11 188/322.17
6 188/266.2
5 188/269
5 188/322.14
5 267/64.26
4 188/266.5
4 188/281
4 188/282.5
4 188/282.6
4 188/314
4 417/399
3 137/533.11
3 188/275
3 188/285
3 188/298
3 188/317
3 188/318
3 188/322.13
3 188/322.22
3 222/321.9
3 236/93R
3 244/104FP
3 267/122
3 267/64.15
3 267/64.28
3 280/276
3 440/61R
3 474/110
2 5/683
2 60/372
2 74/41
2 91/396
2 92/85B
2 123/458
2 123/467
2 123/511
2 123/519
2 126/638
2 137/141
2 137/202
2 137/43

10636119_CLS

2 137/443
2 137/587
2 137/59
2 188/266.4
2 188/266.7
2 188/282.2
2 188/287
2 188/313
2 188/320
2 188/322.19
2 222/215
2 222/385
2 222/494
2 251/129.15
2 267/226
2 267/256
2 267/64.21
2 267/64.23
2 280/5.513
2 417/53

10636119 CLSTITLES

- Page 1

10636119_CLSTITLES

188/266.2 ..Condition actuates valve or regulator
188/266.5 ...Of the pulsating or reciprocating type

4 188/281 (4 OR, 0 XR)
Class 188 : BRAKES
188/266 INTERNAL-RESISTANCE MOTION RETARDER
188/281 .Resistance alters relative to direction of
thrust member (e.g., high resistance in one direction, lo
w
in the other)

4 188/282.5 (0 OR, 4 XR)
Class 188 : BRAKES
188/266 INTERNAL-RESISTANCE MOTION RETARDER
188/281 .Resistance alters relative to direction of
thrust member (e.g., high resistance in one direction,
low
in the other)
188/282.1 ..Via valved orifice in thrust member
188/282.5 ...Flexible flap-type valve (e.g., compression
washers)

4 188/282.6 (3 OR, 1 XR)
Class 188 : BRAKES
188/266 INTERNAL-RESISTANCE MOTION RETARDER
188/281 .Resistance alters relative to direction of
thrust member (e.g., high resistance in one direction,
low
in the other)
188/282.1 ..Via valved orifice in thrust member
188/282.5 ...Flexible flap-type valve (e.g., compression
washers)
188/282.6Having flow passage, cutout, aperture,
slot, etc.

4 188/314 (0 OR, 4 XR)
Class 188 : BRAKES
188/266 INTERNAL-RESISTANCE MOTION RETARDER
188/297 .Having a thrust member with a variable volume
chamber (e.g., coaxial or telescoping tubes, compensati
ng
reservoir)
188/313 ..With valve controlling fluid flow between
chambers or compartments of the chamber
188/314 ...With reservoir for fluid

4 417/399 (1 OR, 3 XR)
Class 417 : PUMPS
417/321 MOTOR DRIVEN
417/375 .Fluid motor
417/398 ..Rectilinearly reciprocating cylinder and
piston-type motor
417/399 ...Rectilinearly reciprocating cylinder and
piston-type pump

3 137/533.11 (0 OR, 3 XR)
Class 137 : FLUID HANDLING
137/455 LINE CONDITION CHANGE RESPONSIVE VALVES
137/511 .Direct response valves (i.e., check valve

10636119_CLSTITLES

type)

137/528 ..Reciprocating valves
 137/532 ...Weight biased
 137/533 Valve body is the weight
 137/533.11 Ball valves

3 188/275 (2 OR, 1 XR)

Class 188 : BRAKES

188/266 INTERNAL-RESISTANCE MOTION RETARDER

188/275 ..With fluid regulated in response to inertia of
 valve member

3 188/285 (1 OR, 2 XR)

Class 188 : BRAKES

188/266 INTERNAL-RESISTANCE MOTION RETARDER

188/284 ..Position of thrust member relative to chamber

188/285 ..Having a fluid flow passage adjusted manually
 (e.g., threaded plug, threaded rod, gearing)

3 188/298 (0 OR, 3 XR)

Class 188 : BRAKES

188/266 INTERNAL-RESISTANCE MOTION RETARDER

188/297 ..Having a thrust member with a variable volume
 chamber (e.g., coaxial or telescoping tubes, compensatin

g

reservoir)

188/298 ..Forming flexible wall enclosure for fluid

3 188/317 (0 OR, 3 XR)

Class 188 : BRAKES

188/266 INTERNAL-RESISTANCE MOTION RETARDER

188/297 ..Having a thrust member with a variable volume
 chamber (e.g., coaxial or telescoping tubes, compensati

ng

reservoir)

188/316 ..Fluid through or around piston within chamber

188/317 ...Via fixed or variable orifice in piston

3 188/318 (0 OR, 3 XR)

Class 188 : BRAKES

188/266 INTERNAL-RESISTANCE MOTION RETARDER

188/297 ..Having a thrust member with a variable volume
 chamber (e.g., coaxial or telescoping tubes, compensat

ing

reservoir)

188/316 ..Fluid through or around piston within chamber

188/317 ...Via fixed or variable orifice in piston

188/318 And passage venting fluid external to
 chamber

3 188/322.13 (0 OR, 3 XR)

Class 188 : BRAKES

188/266 INTERNAL-RESISTANCE MOTION RETARDER

188/322.13 ..Valve structure or location

3 188/322.22 (0 OR, 3 XR)

10636119_CLSTITLES

- Class 188 : BRAKES
 188/266 INTERNAL-RESISTANCE MOTION RETARDER
 188/322.22 .Thrust member or piston structure
- 3 222/321.9 (2 OR, 1 XR)
 Class 222 : DISPENSING
 222/251 WITH DISCHARGE ASSISTANT (E.G., IMPELLER, PUMP,
 CONVEYER, MOVABLE TRAP CHAMBER, ETC.)
 222/320 .With movable nozzle interconnected therewith
 222/321.1 ..With material supply container and discharge
 assistant casing
 222/321.7 ...Container-mounted pump
 222/321.9Pump casing within supply container
- 3 236/93R (0 OR, 3 XR)
 Class 236 : AUTOMATIC TEMPERATURE AND HUMIDITY REGULATION
 236/67 MOTORS
 236/93R .In fluid controlled
- 3 244/104FP (2 OR, 1 XR)
 Class 244 : AERONAUTICS
 244/100R LANDING GEAR
 244/103R .Wheel
 244/104R ..Resiliently mounted
 244/104FP ...Fluid pressure
- 3 267/122 (0 OR, 3 XR)
 Class 267 : SPRING DEVICES
 267/113 FLUID
 267/118 .Expansible-contractible chamber device
 267/122 ..Diaphragm or bellows
- 3 267/64.15 (3 OR, 0 XR)
 Class 267 : SPRING DEVICES
 267/2 VEHICLE
 267/64.11 .Comprising compressible fluid
 267/64.15 ..With retarder
- 3 267/64.28 (0 OR, 3 XR)
 Class 267 : SPRING DEVICES
 267/2 VEHICLE
 267/64.11 .Comprising compressible fluid
 267/64.28 ..Including means for charging or discharging
 spring
- 3 280/276 (2 OR, 1 XR)
 Class 280 : LAND VEHICLES
 280/29 WHEELED
 280/200 .Occupant propelled type
 280/263 ..With steering
 280/270 ...One-wheel controlled
 280/274Frames and running gear
 280/275Yielding
 280/276Front forks and heads
- 3 440/61R (3 OR, 0 XR)
 Class 440 : MARINE PROPULSION

- 10636119_CLSTITLES
- 440/49 SCREW PROPELLER
- 440/53 .With means effecting or facilitating movement
of propulsion unit or a segment of the propulsion unit
(e.g., tilting or steering)
- 440/61R ..Having fluid motor to move propulsion unit or
a segment of the propulsion unit
- 3 474/110 (1 OR, 2 XR)
- Class 474 : ENDLESS BELT POWER TRANSMISSION SYSTEMS OR
COMPONENTS
- 474/101 MEANS FOR ADJUSTING BELT TENSION OR FOR
SHIFTING BELT, PULLEY OR GUIDE ROLL
- 474/110 .Tension adjuster or shifter driven by
electrical or fluid motor
- 2 5/683 (0 OR, 2 XR)
- Class 005 : BEDS
- 5/665 WATERBED OR ASSOCIATED DEVICE
- 5/682 .Having baffle means
- 5/683 ..Hydraulic chambers
- 2 60/372 (0 OR, 2 XR)
- Class 060 : POWER PLANTS
- 60/325 PRESSURE FLUID SOURCE AND MOTOR
- 60/369 .Cyclically operable reciprocating or
oscillating motor or output stroke device
- 60/371 ..Having means to store and release energy
usable to energize motor work output means
- 60/372 ...Pneumatic counter-balance of gravity load on
motor (e.g., deep well pump rod, etc.)
- 2 74/41 (0 OR, 2 XR)
- Class 074 : MACHINE ELEMENT OR MECHANISM
- 74/840 ROTARY DRIVEN DEVICE ADJUSTABLE DURING
OPERATION RELATIVE TO ITS SUPPORTING STRUCTURE
- 74/25 .Rotary to or from reciprocating or oscillating
- 74/40 ..Crank, pitman, lever, and slide
- 74/41 ...Pump jack type
- 2 91/396 (0 OR, 2 XR)
- Class 091 : MOTORS: EXPANSIBLE CHAMBER TYPE
- 91/392 WORKING MEMBER POSITION RESPONSIVE MOTIVE FLUID
CONTROL
- 91/394 .Working member carries part within working
chamber which controls port in chamber end wall
- 91/396 ..Part forms throttle member
- 2 92/85B (0 OR, 2 XR)
- Class 092 : EXPANSIBLE CHAMBER DEVICES
- 92/85R WITH CUSHIONING MEANS EFFECTIVE OVER A PORTION
ONLY OF STROKE
- 92/85B .Fluid spring
- 2 123/458 (0 OR, 2 XR)
- Class 123 : INTERNAL-COMBUSTION ENGINES
- 123/434 CHARGE FORMING DEVICE (E.G., POLLUTION CONTROL)
- 123/445 .Fuel injection system

10636119_CLSTITLES

- 123/446 ..Fuel pump flow regulation
- 123/457 ...Regulating means adjusts fuel pressure
- 123/458 Electric regulator

- 2 123/467 (2 OR, 0 XR)
 - Class 123 : INTERNAL-COMBUSTION ENGINES
 - 123/434 CHARGE FORMING DEVICE (E.G., POLLUTION CONTROL)

 - 123/445 .Fuel injection system
 - 123/467 ..Drip prevention means at injector nozzle

- 2 123/511 (0 OR, 2 XR)
 - Class 123 : INTERNAL-COMBUSTION ENGINES
 - 123/434 CHARGE FORMING DEVICE (E.G., POLLUTION CONTROL)

 - 123/510 .Fuel flow regulation between the pump and the charge-forming device
 - 123/511 ..Regulator means adjusts fuel pressure

- 2 123/519 (0 OR, 2 XR)
 - Class 123 : INTERNAL-COMBUSTION ENGINES
 - 123/434 CHARGE FORMING DEVICE (E.G., POLLUTION CONTROL)

 - 123/518 .Having fuel vapor recovery and storage system
 - 123/519 ..Having an adsorbent canister

- 2 126/638 (0 OR, 2 XR)
 - Class 126 : STOVES AND FURNACES
 - 126/569 SOLAR HEAT COLLECTOR
 - 126/634 .With means to convey fluent medium through collector
 - 126/638 ..Thermosyphonic fluid circulation

- 2 137/141 (0 OR, 2 XR)
 - Class 137 : FLUID HANDLING
 - 137/123 SIPHONS
 - 137/141 .With recorder, register, signal, indicator or inspection window

- 2 137/202 (0 OR, 2 XR)
 - Class 137 : FLUID HANDLING
 - 137/154 DIVERSE FLUID CONTAINING PRESSURE SYSTEMS
 - 137/171 .Fluid separating traps or vents
 - 137/197 ..Discriminating outlet for gas
 - 137/199 ...Fluid sensing valve
 - 137/202 Float responsive

- 2 137/43 (0 OR, 2 XR)
 - Class 137 : FLUID HANDLING
 - 137/38 CONTROL BY CHANGE OF POSITION OR INERTIA OF SYSTEM
 - 137/43 .Vent opening or closing on tipping container

- 2 137/443 (0 OR, 2 XR)
 - Class 137 : FLUID HANDLING
 - 137/386 LIQUID LEVEL RESPONSIVE OR MAINTAINING SYSTEMS

10636119_CLSTITLES

137/409 .By float controlled valve
 137/434 ..Float arm operated valve
 137/442 ...Assembly mounted on and having reciprocating
 valve element co axial with inlet pipe
 137/443Horizontal or side entering pipe

2 137/587 (2 OR, 0 XR)
 Class 137 : FLUID HANDLING
 137/561R SYSTEMS
 137/583 .System with plural openings, one a gas vent or
 access opening
 137/587 ..Tank with gas vent and inlet or outlet

2 137/59 (0 OR, 2 XR)
 Class 137 : FLUID HANDLING
 137/59 FREEZE CONDITION RESPONSIVE SAFETY SYSTEMS

2 188/266.4 (0 OR, 2 XR)
 Class 188 : BRAKES
 188/266 INTERNAL-RESISTANCE MOTION RETARDER
 188/266.1 .Motion damped from condition (e.g., bump,
 speed change) detected outside of retarder
 188/266.2 ..Condition actuates valve or regulator
 188/266.3 ...Of the rotary type
 188/266.4Having plural openings

2 188/266.7 (2 OR, 0 XR)
 Class 188 : BRAKES
 188/266 INTERNAL-RESISTANCE MOTION RETARDER
 188/266.7 .Piezoelectric

2 188/282.2 (2 OR, 0 XR)
 Class 188 : BRAKES
 188/266 INTERNAL-RESISTANCE MOTION RETARDER
 188/281 .Resistance alters relative to direction of
 thrust member (e.g., high resistance in one direction,
 in the other)
 188/282.1 ..Via valved orifice in thrust member
 188/282.2 ...Valve actuated by electrical system

low

2 188/287 (1 OR, 1 XR)
 Class 188 : BRAKES
 188/266 INTERNAL-RESISTANCE MOTION RETARDER
 188/284 .Position of thrust member relative to chamber
 188/286 ..Having aperture in chamber wall
 188/287 ...Plural, successively encountered apertures

2 188/313 (1 OR, 1 XR)
 Class 188 : BRAKES
 188/266 INTERNAL-RESISTANCE MOTION RETARDER
 188/297 .Having a thrust member with a variable volume
 chamber (e.g., coaxial or telescoping tubes, compensatin
 reservoir)
 188/313 ..With valve controlling fluid flow between
 chambers or compartments of the chamber

g

10636119_CLSTITLES

2 188/320 (1 OR, 1 XR)
 Class 188 : BRAKES
 188/266 INTERNAL-RESISTANCE MOTION RETARDER
 188/297 .Having a thrust member with a variable volume
 chamber (e.g., coaxial or telescoping tubes, compensat
 ing reservoir)
 188/316 ..Fluid through or around piston within chamber
 188/317 ...Via fixed or variable orifice in piston
 188/320Tortuous path orifice

2 188/322.19 (0 OR, 2 XR)
 Class 188 : BRAKES
 188/266 INTERNAL-RESISTANCE MOTION RETARDER
 188/322.19 .Cylinder structure

2 222/215 (0 OR, 2 XR)
 Class 222 : DISPENSING
 222/206 RESILIENT WALL
 222/215 .Nonmetallic

2 222/385 (0 OR, 2 XR)
 Class 222 : DISPENSING
 222/251 WITH DISCHARGE ASSISTANT (E.G., IMPELLER, PUMP,
 CONVEYER, MOVABLE TRAP CHAMBER, ETC.)
 222/372 .With material supply container and discharge
 assistant with casing (e.g., supply container and pump)
 222/383.1 ..Container-mounted pump
 222/385 ...Pump or pulsator casing within supply
 container

2 222/494 (0 OR, 2 XR)
 Class 222 : DISPENSING
 222/491 OUTLET ELEMENT OPERATED BY PRESSURE OF CONTENTS
 222/494 .Spring form, resilient or compressible flow
 controller or closure

2 251/129.15 (0 OR, 2 XR)
 Class 251 : VALVES AND VALVE ACTUATION
 251/129.01 ELECTRICALLY ACTUATED VALVE
 251/129.15 .Including solenoid

2 267/226 (2 OR, 0 XR)
 Class 267 : SPRING DEVICES
 267/2 VEHICLE
 267/195 .Mechanical spring and nonresilient retarder
 (e.g., shock absorber)
 267/217 ..Fluid retarder
 267/221 ...Helical coil spring
 267/226Spring within coaxial fluid chamber

2 267/256 (0 OR, 2 XR)
 Class 267 : SPRING DEVICES
 267/2 VEHICLE
 267/228 .Lever and nontorsion spring

10636119_CLSTITLES

- 267/256 ..Fluid spring
- 2 267/64.21 (0 OR, 2 XR)
Class 267 : SPRING DEVICES
267/2 VEHICLE
267/64.11 .Comprising compressible fluid
267/64.15 ..With retarder
267/64.16 ...Leveling device
267/64.19 Having flexible wall
267/64.21 Including rolling lobe between telescoping
 members
- 2 267/64.23 (0 OR, 2 XR)
Class 267 : SPRING DEVICES
267/2 VEHICLE
267/64.11 .Comprising compressible fluid
267/64.15 ..With retarder
267/64.23 ...Having flexible wall
- 2 280/5.513 (2 OR, 0 XR)
Class 280 : LAND VEHICLES
280/5.5 SUSPENSION MODIFICATION ENACTED DURING TRAVEL
 (I.E., ACTIVE SUSPENSION CONTROL)
280/5.513 .Longitudinal vehicle disposition (e.g.,
 antidive, antipitch, antisquat)
- 2 417/53 (2 OR, 0 XR)
Class 417 : PUMPS
417/53 PROCESSES